

Active Recombinant Human ASAH2, His-tagged

Cat. No. ASAH2-284H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ASAH2 (Accession # AAF86240) Thr15-Ile761, fused with an N-terminal 6-His tag, was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Human
Source	CHO
ProteinLength	15-761 a.a.
Predicted N Terminal	His
Form	Supplied as a 0.2 µ filtered solution in MES, NaCl and Sodium Cholate.
Bio-activity	Measured by its ability to hydrolyze the substrate C12:0 ceramide into sphingosine and dodecanoic acid. The specific activity is >5,000 pmol/min/g, as measured under the described conditions.
Molecular Mass	Recombinant Human ASAH2, His-tagged has a calculated MW of 83 kDa. In SDS-PAGE migrates as 132 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	ASAH2 N-acylsphingosine amidohydrolase (non-lysosomal ceramidase) 2 [Homo sapiens]
Official Symbol	ASAH2
Synonyms	ASAH2; N-acylsphingosine amidohydrolase (non-lysosomal ceramidase) 2; neutral ceramidase; mitochondrial ceramidase; non-lysosomal ceramidase; acylsphingosine deacylase 2; neutral/alkaline ceramidase; N-acylsphingosine amidohydrolase 2; HNAC1; BCDase; LCDase; NCDase; N-CDase;
Gene ID	56624
mRNA Refseq	NM_001143974
Protein Refseq	NP_001137446
MIM	611202
UniProt ID	Q9NR71
Chromosome Location	10q11.23

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA